

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Frank et al.

Art Unit: Not Yet Assigned

Application No: 10/593,276

Examiner: Not Yet Assigned

Confirmation No: 4241

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For: ISOSTERIC TRANSFORMATION

Customer No:

26694

PATENT TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Documents AA, BA, BB, and CA-CF were cited in an International Search Report issued in the parent PCT application. A copy of the International Search Report is attached. Copies

of the documents AA, BA, BB, and CA-CF are not being provided since copies are furnished directly by WIPO under an exchange program between the PTO, the EPO and the JPO. If a copy of a cited document is desired, please inform the undersigned and a copy of the missing document will be supplied.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 37998-237467. A duplicate copy of this paper is enclosed.

Dated: January 30, 2007

Respectfully submitted,

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	37998-237467
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AA*	US-4,638,046		01-20-1997	Verdini et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No ¹	Foreign Patent Document Country Code-Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
BA	WO-01/5335 A		07-26-2001	University of Minnesota		
BB	WO-96/40749		12-19-1996	Affymax Tech. NV (GB)		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO - Those application(s) which are marked with an single asterisk (*) refer to the Cite No. as not supplied (under 37 CFR 1.96(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFTW. ²Applicants unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document; under WIPO Standard ST 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CA	Gross, E & Meienhofer, J. "Peptides, Proceedings of the 6th American Peptid Symposium," Pierce Chem. Co., 1979, Rockford, IL, XP008057578		
CB	Weinstein, B., "Chemistry and Biochemistry of Amino Acids, Peptides and Proteins, Passage," Chemistry and Biochemistry of Amino Acids, Peptides, and Proteins, vol. 7, 1983, pgs. 266-357, XP002032461		
CC	Chorev, M. & Goodman, M., "Recent developments in retro peptides and proteins - an ongoing topographical exploration," Trends in Biotechnology, Elsevier, Amsterdam, NL, vol. 13, no 10, October 1995, pgs. 438-445, XP004207219 ISSN: 0167-7799		
CD	Skelton, N. J. et al., "Amino acid determinants of beta-hairpin conformation in erythropoietin receptor agonist peptides derived from a phage display library," Journal of Molecular Biology, London, GB, vol. 316, no. 5, 8 March 2002, pgs. 1111-1125, XP004472484 ISSN: 0022-2836		
CE	Roderick S.L. et al., "Thiorphan and retro-Thiorphan Display Equivalent Interactions When Bound to Crystalline Thromolysin," Biochemistry, vol. 28, 1989, pgs. 1493-1497, XP002308956		
CF	Guichard, G et al., "Partially Modified Retro-Inverso Pseudopeptides as Non-natural Ligands for the Human Class I Histocompatibility Molecule HLA-A2," Journal of Medicinal Chemistry, vol. 39, 1996, pgs. 2030-2039, XP002308957		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered
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